

Atty. Dkt. No. 030307/0196

REMARKS

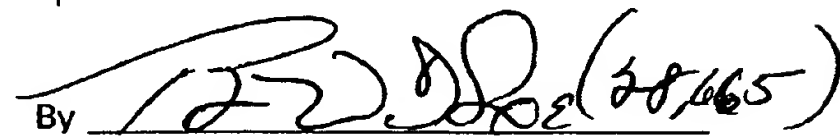

Applicants respectfully request that the foregoing amendments to Claims 4, 6, 8, 9, 11, 12, 14 and 31 and new Claim 34 be entered in order to avoid this application incurring a surcharge for the presence of one or more multiple dependent claims.

Respectfully submitted,

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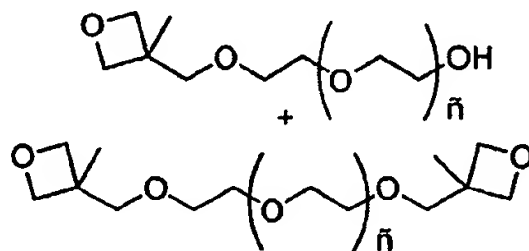
By

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

4. (Amended) A macromonomer according to claim 2 which is terminated by an 3-methyloxetan-3-ylmethyl ether group and has the formula:



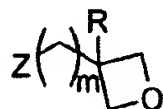
where $\bar{n} = 6-300$

[where R and m are as defined in claim 1]

where m is an integer of 1-10, and

R is H or alkyl or aryl or arylalkyl.

6. (Amended) A process for the preparation of the macromonomers of [claims 1 or 2] claim 1 comprising reacting an alkali metal derivative of a polyethylene glycol having 6-300 repeating units with a halo substituted compound having the formula:



where Z is Cl, Br, I, toluenesulfonyloxy or CF_3SO_3

and where m is an integer of 1-10, and R is H or alkyl or aryl or arylalkyl

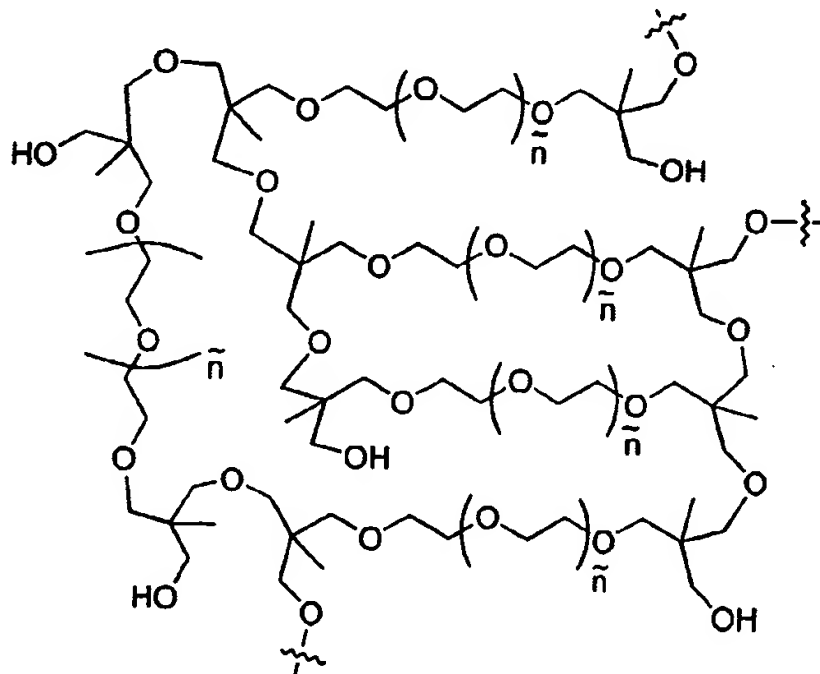
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8. (Amended) A process according to [claims 6 or 7] claim 6 wherein the alkali metal derivative is a sodium derivative.

9. (Amended) A process according to [claims 6 or 7] claim 6 wherein the alkali metal derivative is a potassium derivative.

10. (Amended) A cross linked polymer formed by the [polymerisation] polymerization of a macromonomer according to claim 2.

11. (Amended) A cross linked polymer [according to claim 10 wherein the] formed by the polymerization of a macromonomer that has the structure claimed in claim 4, formed by the polymerization wherein the [polymerisation] polymerization is initiated by a cationic catalyst and formed by the polymerization of a macromonomer the structure of the polymer [may be] is represented by the structure:



where \bar{n} = 6-300

[where R is as defined in claim 1]

R is H or alkyl or aryl or arylalkyl.

12. (Amended) A crosslinked polymer [according to claim 10 wherein the macromer used for its preparation] and formed by the polymerization of a macromonomer that has the structure of claim 5 [and the per-O-acetylated or in other ways temporarily hydroxyl-protected polymer structure analog to the hydroxylated structure of claim 11 is obtained].

14. (Amended) A beaded resin [according to claim 11 or 12 formed by polymerization of droplets in silicon oil] comprised of a polymer according to claim 10.

31. (Amended) A polymer according to claim 10 [with addition of] wherein the polymerization involves a short temporary crosslinker [which may at a later point in time be selectively cleaved to result in expansion of the resin].